



Does Not Comply
Corrected Diskette Needed

OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/092,411

DATE: 03/28/2002

TIME: 16:16:38

Input Set : D:\Gtc007.pto

Output Set: N:\CRF3\03282002\J092411.raw

4 <110> APPLICANT: Lynn Doucette-Stamm et al
 6 <120> TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO STAPHYLOCOCCUS
 7 EPIDERMIDIS FOR DIAGNOSTICS AND THERAPEUTICS
 9 <130> FILE REFERENCE: GTC-007
 C--> 13 <140> CURRENT APPLICATION NUMBER: US/10/092,411
 C--> 13 <141> CURRENT FILING DATE: 2002-03-07
 13 <160> NUMBER OF SEQ ID NOS: 5674

ERRORED SEQUENCES

46559 <210> SEQ ID NO: 2211
 46560 <211> LENGTH: 690
 46561 <212> TYPE: DNA
 46562 <213> ORGANISM: Staphylococcus epidermidis
 46564 <220> FEATURE:
 46565 <221> NAME/KEY: unsure
 46566 <222> LOCATION: (498),(499),(500),(501),(502),(503),(504),(505),(506),(507),(508),(509),(510),(511),(512),(513),(514),(515),(516),(517),(518),(519)
 46567 <223> OTHER INFORMATION: Identity of nucleotide sequences at the above locations are unknown.

46569 <400> SEQUENCE: 2211
 46570 gtgcgaacaa tatcttcagc aagaatatgt cctaaacttt catctaaatt aacattgata 60
 46571 ttcttcactt caacctgttg ttccataata cgtttaattg cttctttaac tgatattggc 120
 46572 gttcttttct ctatagacat acactcatct ccaaaaaata ttaattttca tgatatactt 180
 46573 actcctaaca ggagggaata aatgactcat ttcacacata ttaataaaca aggtaatgct 240
 46574 aaaatgggtg atgtttctaa taaggaaatt acaaaacgtg tagcagaagc aactcaagt 300
 46575 ataattgtta atgaaaaaat ttatagacaa attactcaaa atactaatag taaaggaaat 360
 46576 gtacttaata ctgcgcaaat tgctggatt atggcagcta aaaacacttc tacaatcatt 420
 46577 cctatgtgtc atccattacc acttacaggc atagatatat ccttcaaatt ggattcaaatt 480
 E--> 46578 aatgatgatt catatcgtt ~~xxxxxxx~~ ~~xxxxxxxxx~~ ~~xxxxxxxxx~~ ctacaacagg taaaactggt 540
 46579 gttgaaatgg aagcattgac tgctgcttca gttacagcac ttacaatcta tgatattgaca 600
 46580 aaagctatag acaaaggcat gataattgga gaaacgtact tagaatctaa atctggtggt 660
 46581 aaatctggcg acttcacag aaaaaattga 690

*nucleotides cannot
be represented by X.*

70538 <210> SEQ ID NO: 3159
 70539 <211> LENGTH: 10182
 70540 <212> TYPE: PRT
 70541 <213> ORGANISM: Staphylococcus epidermidis
 70543 <400> SEQUENCE: 3159
 70544 Met Lys Ser Lys Pro Lys Leu Asn Gly Arg Asn Ile Cys Ser Phe Leu
 70545 1 5 10 15
 70546 Leu Ser Lys Lys Cys Met Ser Tyr Ser Leu Ser Lys Leu Ser Thr Leu Lys
 70547 20 25 30

also from Seq. ID No. 2211

RAW SEQUENCE LISTING

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TIME: 16:16:50

Input Set : D:\Gtc007.pto

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71775          9845          9850          9855
71776 Ile Lys Gly Leu Thr Ser Asn Glu Lys Thr Gln Phe Asp Lys Gln Leu
71777          9860          9865          9870
71778 Thr Ala Leu Gln Lys Glu Phe Leu Glu Lys Val Glu His Ala His Asn
71779          9875          9880          9885
71780 Leu Val Glu Leu Asn Gln Leu Gln Gln Glu Phe Asn Asn Arg Tyr Lys
71781          9890          9895          9900
71782 His Ile Leu Asn Gln Ala His Leu Leu Gly Glu Lys His Ile Ala Glu
71783 9905          9910          9915          9920
71784 His Lys Leu Gly Tyr Val Val Val Asn Lys Thr Gln Gln Ile Leu Asn
71785          9925          9930          9935
71786 Asn Gln Ser Ala Ser Tyr Phe Ile Lys Gln Trp Ala Leu Asp Arg Ile
71787          9940          9945          9950
71788 Lys Gln Ile Gln Leu Glu Thr Met Asn Ser Ile Arg Gly Ala His Thr
71789          9955          9960          9965
71790 Val Gln Asp Val His Lys Ala Leu Leu Gln Gly Ile Glu Gln Ile Leu
71791          9970          9975          9980
71792 Lys Val Asn Val Ser Ile Ile Asn Gln Ser Phe Asn Asp Ser Leu His
E--> 71793 9985          9990          9995          1000 ← missing a digit
71794 Asn Phe Asn Tyr Leu His Ser Lys Phe Asp Ala Arg Leu Arg Glu Lys
E--> 71795          1000          1001          1001
71796 Asp Val Ala Asn His Ile Val Gln Thr Glu Thr Phe Lys Glu Val Leu
E--> 71797          1002          1002          1003
71798 Lys Gly Thr Gly Val Glu Pro Gly Lys Ile Asn Lys Glu Thr Gln Gln
E--> 71799          1003          1004          1004
71800 Pro Lys Leu His Lys Asn Asp Asn Asp Ser Leu Phe Lys His Leu Val
E--> 71801          1005          1005          1006
71802 Asp Asn Phe Gly Lys Thr Val Gly Val Ile Thr Leu Thr Gly Leu Leu
E--> 71803 1006          1007          1007          1008
71804 Ser Ser Phe Trp Leu Val Leu Ala Lys Arg Arg Lys Lys Glu Glu Glu
E--> 71805          1008          1009          1009
71806 Glu Lys Gln Ser Ile Lys Asn His His Lys Asp Ile Arg Leu Ser Asp
E--> 71807          1010          1010          1011
71808 Thr Asp Lys Ile Asp Pro Ile Val Ile Thr Lys Arg Lys Ile Asp Lys
E--> 71809          1011          1012          1012
71810 Glu Glu Gln Ile Gln Asn Asp Asp Lys His Ser Ile Pro Val Ala Lys
E--> 71811          1013          1013          1014
71812 His Lys Lys Ser Lys Glu Lys Gln Leu Ser Glu Glu Asp Ile His Ser
E--> 71813 1014          1015          1015          1016
71814 Ile Pro Val Val Lys Arg Lys Gln Asn Ser Asp Asn Gln Arg Tyr Lys
E--> 71815          1016          1017          1017
71816 Thr Glu Glu Ser Tyr Phe
E--> 71817          1018

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Please make
proper correction
to amino acid numbering

VERIFICATION SUMMARY

DATE: 03/28/2002

PATENT APPLICATION: US/10/092,411

TIME: 16:17:12

Input Set : D:\Gtc007.pto

Output Set: N:\CRF3\03282002\J092411.raw

L:13 M:270 C: Current Application Number differs, Replaced Current Application No
L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:67 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:68 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:69 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:83 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:84 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:85 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:86 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:105 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:106 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:107 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:108 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:133 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:135 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:155 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:158 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:161 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:219 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:385 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24
L:418 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26
L:457 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28
L:459 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28
L:473 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29
L:477 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29
L:479 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29
L:502 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:516 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
L:521 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
L:522 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
L:523 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
L:621 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36
L:820 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48
L:3342 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:183
L:3403 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:186
L:3518 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:193
L:4996 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:273
L:5177 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:281
L:11845 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:585
L:16247 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:782
L:17451 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:840
L:17658 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:850
L:17933 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:863
L:17934 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:863
L:17935 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:863
L:20728 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:988
L:21760 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1035
L:22442 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1068

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L:22443 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1068
L:22652 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1077
L:25975 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1232
L:26886 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1277
L:46578 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:22
L:71793 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:3159
M:332 Repeated in SeqNo=3159